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Total Number of Pages in This Submission

Application Number 10/668,909

Filing Date September 23, 2005

First Named Inventor Rune MITTET

Art Unit 2863

Examiner Name Victor J. Taylor

Attorney Docket Number PGS-03-03US

ENCLOSURES (Check all that apply)

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<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
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Remarks

Other:
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Petroleum Geo-Services, Inc.		
Signature	<i>E. Eugene Thigpen</i>		
Printed name	E. Eugene Thigpen		
Date	August 18, 2005	Reg. No.	27,400

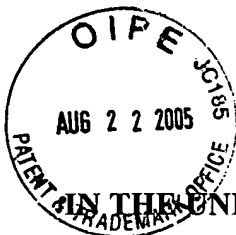
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Rune Mittet

Serial No. 10/668,909

Filed: September 23, 2003

Title: METHOD FOR SEISMIC
MIGRATION USING EXPLICIT
DEPTH EXTRAPOLATION
OPERATORS WITH
DYNAMICALLY VARIABLE
OPERATOR LENGTH

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Group Art Unit: 2863

Examiner: Victor J. Taylor

Atty Docket No. PGS-03-03US

Mail Stop Amendment

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E. Eugene Thigpen
E. Eugene Thigpen

Date: August 18, 2005

RESPONSE TO OFFICE ACTION

(A) INTRODUCTORY COMMENTS

This letter is in response to the first Office Action, mailed 05/18/2005, in the patent application identified above.

Claims 1-16 are pending in the present patent application and all claims are rejected in this Office Action under 35 U.S.C. §102(b). Claims 4-9 are amended to correct typographical errors only. A complete set of claims, including amended claims, are presented below in Section (B) Amendments to the Claims. These amendments and traversal of the claim rejections are discussed below in Section (C) Remarks.

The sections of this response begin on the following pages:

page 1 (A) Introductory Comments

page 3 (B) Amendments to the Claims

page 9 (C) Remarks